

Update of OBD Technical Review Workgroup

MSTRS Meeting
February 12, 2003

OBD Test Programs

- Colorado Department of Health OBD FTP study
 - continuing (85 vehicles tested)
- EPA High-Mileage Testing
 - continuing (120 vehicles tested)

Update of OBD I/M to CAN

- CAN will be phased-in starting with the '03 MY and be fully phase-in by '08
- Scan tool manufacturers working on updating systems to read CAN
- List of CAN equipped vehicles posted on ETI web page

Implementation of OBD I/M

- 16 Areas using OBD for pass/fail decisions
- Group is monitoring data as it is made available
- Georgia which has the nation's largest decentralized I/M system started OBD pass/fail in May 02

OBD Tampering

- Workgroup will begin to investigate OBD tampering
- Requesting state's experience in OBD tampering
- Will review types of tampering methods and likelihood of detection and success

OBD I/M Methods of Evaluation to Consider

- Remote Sensing
- Tailpipe sampling
 - METT/Steady State
- Extrapolation/Modeling
 - Use FTP based studies (in-use, cert)
- Process Based
 - coverage/inspections/repairs
- Control Charts
 - Internal/External comparisons

Follow Up to Policy WG

- Review High-Mileage OBD data
- Review state OBD I/M data
- Quantify concern on “lack of overlap”
- Review CDH data
- Explore technical means for identifying tampering devices
- Review impact of Tier 2 and fleet aging